CLAIMS

1. A flexible intermediate bulk container, comprising a flexible bag made of an antistatic fabric comprising electrically non-conducting warp and weft yarns and a plurality of conductive dissipative fibers intersectingly woven into the antistatic fabric, wherein the conductive dissipative fibers comprise Polyolefine with a Polyether-Block-Polyolefine-Coploymer additive, the Polyether-Block-Polyolefine-Coploymer comprising connected or nearly-connected conductive channels at, or near, external surface of the fibers, and wherein the bag is provided with an antistatic dissipative membrane,

whereby the bag may be grounded or ungrounded and exhibit corona discharge.

2. The flexible intermediate bulk container as set forth in claim 1, wherein the Polyether-Block-Polyolefine-Coploymer is mixed into the Polyolefine of the conductive dissipative fibers at a mass portion of 5% to 25%.

3. The flexible intermediate bulk container as set forth in claim 1, wherein at least some of the conductive dissipative fibers have a substantially rectangular cross-section.

4. The flexible intermediate bulk container as set forth in claim 1, wherein at least some of the conductive dissipative fibers have a substantially round cross-section.

5. The flexible intermediate bulk container as set forth in claim 1, wherein at least some of the conductive dissipative fibers are monofilament.

6. The flexible intermediate bulk container as set forth in claim 1, wherein at least some of the conductive dissipative fibers are multifilament.

7. The flexible intermediate bulk container as set forth in claim 1, wherein the membrane comprises a coating.

8. The flexible intermediate bulk container as set forth in claim 7, wherein the coating comprises Polyolefine with a Polyether-Block-Polyolefine-Coploymer additive.

9. The flexible intermediate bulk container as set forth in claim 1, wherein the

membrane comprises an antistatic liner provided within the bag.

10. The flexible intermediate bulk container as set forth in claim 9, wherein the antistatic liner comprises Polyolefine with a Polyether-Block-Polyolefine-Coploymer additive.

11. The flexible intermediate bulk container as set forth in claim 1, wherein the membrane is inside the bag.

12. The flexible intermediate bulk container as set forth in claim 1, wherein the at least some conductive dissipative fibers are aligned with the weft.

13. The flexible intermediate bulk container as set forth in claim 12, wherein the distance between at least some conductive dissipative fibers is between 20 mm and 300 mm.

14. The flexible intermediate bulk container as set forth in claim 13, wherein said distance is between 30 mm to 45 mm.

15. The flexible intermediate bulk container as set forth in claim 1, wherein the at least some conductive dissipative fibers are aligned with the warp.

16. The flexible intermediate bulk container as set forth in claim 15, wherein the distance between said at least some conductive dissipative fibers is between 20 mm and 300 mm.

17. The flexible intermediate bulk container as set forth in claim 16, wherein the distance is between 30 mm to 45 mm.

18. The flexible intermediate bulk container as set forth in claim 1, further comprises lifting straps attached to the bag.

19. The flexible intermediate bulk container as set forth in claim 18, wherein the lifting straps are conductively attached to the bag.

20. The flexible intermediate bulk container as set forth in claim 19, wherein the lifting straps comprise electrically non-conducting warp and weft yarns and a plurality of conductive dissipative fibers.

21. The flexible intermediate bulk container as set forth in claim 20, wherein the conductive dissipative fibers comprise Polyolefine with a Polyether-Block-

Polyolefine-Coploymer additive.

22. The flexible intermediate bulk container as set forth in claim 21, wherein the conductive dissipative fibers are multifilament.

23. A flexible intermediate bulk container substantially as described in the present specification accompanying drawings and appending claims.